

## ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

## LAKE SURVEY SUMMARY

107-40-10070-0010

LAKE Virginia

107-40-00

MAP REF. Petersburg B-1 T 62 S R 85 E S 20 - 21 LAT. 56 28' N LONG. 132 10' W

LOC Mainland S E of Wrangell on Eastern Passage SURF. ELEV. 105'

1. SURF. ACRES 750 MAX. DEPTH 200 feet AVG. DEPTH ACRE FT.  
SHOAL AREA 20 % WATER COLOR clear - muskeg SECCHI READING not taken  
AQUATIC VEGETATION abundant in the shallow water areas

2. FISH SPECIES: NATIVE Ct, DV Kok, BS Cott, Stb, SS? INTRODUCED Eastern Brook Trout

3. FISHING HISTORY has an excellent rep. as a good outthroat lake

4. INVERTEBRATES not surveyed

5. INLETS Virginia Creek (Unofficial name) DISCHARGE 90 normal cfs  
Glacier Cr. DISCHARGE 15 normal cfs  
DISCHARGE cfs

BARRIERS present in inlets about 1 1/2 to 2 miles above lake

6. OUTLETS Mill Creek DISCHARGE 100 normal cfs  
DISCHARGE cfs

BARRIERS semi-barrier at high tide, sockeye do get over most years.

7. SPAWNING AREAS excellent in both inlets and some limited in outlet, several good beach spawning areas.

8. WATERSHED TYPE timber & muskeg in lower area DRAINAGE AREA est. 30,000 ACRES  
alpine above

9. ACCESSIBILITY by plane or by 1/2 mile FS trail from the beach

10. ACCESS STATUS in National Forest

11. USE SITE none FACILITIES FS cabin and skiff

12. OTHER USE used by deer hunters N

13. POLLUTION none observed

14. REMARKS Mill Cr. was the ~~right~~ site of a ~~xxx~~ saw mill at one time. No activity at present. The sockeye population is rather unique in that they are small and can get over the falls where larger fish cannot make it.

BY Original Baade 1953 Jones &amp; Taylor 1968

DATE 12/19/69

## LAKE SURVEY

Virginia Lake, located on mainland opposite Wrangell. Latitude : 56° 29'

Drains into Mill Creek.

Longitude: 132° 2'

Elevation: approximately 100 feet. Area of lake approximately 1000 acres.

Length of stream is  $\frac{1}{2}$  mile. Empties into Blako Channel.

Water clear, depth unknown.

Temperature at surface 56° at 1300.

Shore line: Gravelly 25% Banks: Slope abrupt 75%, gentle 25%.

Food supply: insects, larvae, salmon fry and spawn, sticklebacks, cottoids, snails.

Present fish found in lake or stream: cutthroat, sticklebacks, cottoids, sockeye

Spawning grounds: two large creeks near head of lake, good.

Recommend stocking with nothing.

Is water used by spawning salmon? Yes, sockeye.

Very precipitous outlet and restricts all but the sockeye. Very little spawning ground in outlet. Water diversion for sawmill uses most of water at low stages.

There is a trail to the lake, along the stream.

Planting of game fish could be done best by plane.

This lake is fished by Wrangell people, has a road to the lake and a shelter in fair shape. Sockeye population is rather unique in that they are small and get over the falls where larger fish cannot make it.

Submitted by: Robert T. Baado  
Fishery Biologist

August 29, 1953